

TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES

I. General Overview

- A. Copy of State Regulations Pertaining to Scrapie and Ability to Respond to BSE or CWD (captive cervids)
- B. Efforts to Educate Practitioners and Producers on Current Information Regarding TSEs
 - 1. Small animal accredited vets - Feline Spongiform Encephalopathy
 - 2. Zoo and Wildlife practitioners - Chronic Wasting Disease; TSEs of Exotic Ruminants
- C. Efforts to keep AVIC and field up to date on current knowledge and research on TSEs
- D. Rendering Policies on sheep, cervids, and adult cattle condemned for CNS disease

II. Scrapie

A. Scrapie Flock Certification Program

- 1. Certification board in place and meets with regularity
- 2. Promotion of program within the industry
- 3. Log of identification assignments
- 4. Protocol for processing applications in place
 - a) Standards as required by the guidelines for entry into program met before approval
 - b) Applications processed in a timely manner
- 5. Inspections conducted in accordance with program guidelines
- 6. Records maintained in Area Office to monitor flock levels
- 7. Appeals process in place
- 8. Number of flocks enrolled in program and at what levels
 - a) Complete monitor enrolled
 - b) Complete monitored certified
 - c) Selective monitored
 - d) Application pending
- 9. Change of flock status transmitted to the national level within 24 hours

B. Scrapie Infection

- 1. Reportable disease under state regulation
- 2. Are accredited vets aware that scrapie is reportable under 9 CFR parts 161, 71 and 79?
- 3. Samples submitted in accordance with guidelines
- 4. Diagnosis by lab other than NVSL? If so, are suspects or inconclusives submitted for supplemental tests?
- 5. Quarantinable disease under state regulation
- 6. Epidemiologic investigation conducted in accordance with 9 CFR Parts 54 and 79
- 7. Notification of other producers and states about movement of high risk animals and tracebacks to flocks of origin

8. Flock Plans in place
9. Monitoring movements of high risk animals
10. Violations of 9 CFR Parts 71 and 79 investigated and pursued
11. Records maintained - Automated (SIS or other)
 - a) Number of scrapie infected flocks
 - b) Number of scrapie source flocks
 - c) Number of scrapie trace flocks
12. Change of status transmitted to national level within 24 hours
13. Records of infected animals sent to CEAH

C. Responds to national requests for research samples

III. Bovine Spongiform Encephalopathy

A. Surveillance

1. Samples submitted
 - a) Neurological field cases
 - b) Rabies negative from public health labs
 - c) Submissions from VDLs, vet schools, etc.
 - d) Downer cows (if applicable)
 - e) FSIS antemortem condemnns
 - f) Other
2. Adult CNS cases at slaughter and in field conducted as FADs
3. Samples submitted in accordance with VS Memorandum 580.16 (June 11, 1997)
 - a) 10-4s
 - b) 12-27s
4. Submission of VDL data to NVSL
5. Adequate monitoring or imports from countries known to have BSE
6. Liaison with FSIS, Public Health, VDLs, practitioners, industry, etc.

B. Prevention

1. Carcasses of CNS condemnns kept out of rendering (developing)
2. Education of industry about FDA feed rule
3. Knowledge of Import Regulations

REFERENCES***Description*****I. General Overview**

- VS Videos on the clinical signs of Scrapie and the necropsy procedure
- VS Video on Bovine Spongiform Encephalopathy
- VS Fact Sheets
- Research material distributed to field

BSE, Scrapie, CWD, TME

II. Scrapie

- Regional and Area Policy Letters
- 9 CFR parts 54, 71, 79 and 161
- Scrapie Flock Certification Guidelines
- VS Memorandum 557.2

December 1997

July 14, 1995 - Scrapie Reports

III. Bovine Spongiform Encephalopathy

- Regional and Area Policy Letters
- 9 CFR parts 94, 95 and 96
- VS Memorandum 580.16
- 21 CFR Part 589

June 11, 1997 - Procedures for investigation of Adult Cattle with Clinical Signs of CNS Disease